

**AMENDMENTS TO THE CLAIMS**

Claims previously submitted:

1. Claims 1 – 55. (Canceled)
56. (Currently amended) A gasoline composition comprising a base fuel and at least one additive wherein the additive comprises:  
  
a plant oil extract derived from grain;  
  
a carotenoid; and  
  
a thermal stabilizer.
57. (Currently amended) The gasoline composition of claim 56, wherein the grain is selected from the group consisting of fescue, clover, wheat, barley, oats, rye, sorghum, flax, triticale, rice, corn, spelt, millet, amaranth, buckwheat, quinoa, kamut and teff.
58. (Currently amended) The gasoline composition of claim 55 wherein the carotenoid is selected from the group consisting of  $\beta$ -carotene,  $\alpha$ -carotene, lycopene, leutin, betatene and mixtures thereof.
59. (Currently amended) The gasoline composition of claim 56, wherein the thermal stabilizer is selected from the group consisting of vegetable oils, nut oils, animal oils and mixtures thereof.
60. (Currently amended) The gasoline composition of claim 56 wherein the plant oil extract is derived from barley and the carotenoid is  $\beta$ -carotene.
61. (Currently amended) The gasoline composition of claim 56 wherein the thermal stabilizer is meadowfoam oil.

62. (Currently amended) The gasoline composition of claim 56 further comprising a diluent.
63. (Currently amended) The gasoline composition of claim 56 further comprising a solvent selected from the group consisting of toluene, benzene, o-xylene, m-xylene, p-xylene, cyclohexanes, hexane, octanes, nonanes, gasoline, jet fuel, ~~gasoline~~, 2 cycle oil, and resid fuel and mixtures thereof.
64. (Currently amended) The gasoline composition of claim 56 further comprising at least one additive selected from the group consisting of octane improvers, cetane improvers, detergents, corrosion inhibitors, metal deactivators, ignition accelerators, dispersants, anti-knock additives, anti-run-on additives, anti-pre-ignition additives, anti-misfire additives, anti-wear additives, antioxidants, demulsifiers, carrier fluids, solvents, fuel economy additives, emission reduction additives, lubricity improvers, oxygenates and mixtures thereof.
65. (Canceled)
66. (Currently amended) A gasoline composition comprising a base fuel and at least one additive wherein the additive comprises:
- a hydrophobic plant oil extract;
  - a carotenoid; and
  - a thermal stabilizer selected from the group consisting of peanut oil, cottonseed oil, rape seed oil, macadamia oil, avocado oil, palm oil, palm kernel oil, meadowfoam oil and mixtures thereof.
67. (Currently amended) The gasoline composition of claim 66 wherein the plant oil extract is derived from a member of the Leguminosae family.

68. (Currently amended) The gasoline composition of claim 66 wherein the plant oil extract is derived from grain.
69. (Currently amended) The gasoline composition of claim 66 further comprising a diluent.
70. (Currently amended) The gasoline composition of claim 66 further comprising a solvent selected from the group consisting of toluene, benzene, o-xylene, m-xylene, p-xylene, cyclohexanes, hexane, octanes, nonanes, ~~gasoline~~, jet fuel, diesel fuel, 2 cycle oil, resid fuel and mixtures thereof.
71. (Currently amended) The gasoline composition of claim 66 further comprising at least one additive selected from the group consisting of octane improvers, cetane improvers, detergents, corrosion inhibitors, metal deactivators, ignition accelerators, dispersants, anti-knock additives, anti-run-on additives, anti-pre-ignition additives, anti-misfire additives, anti-wear additives, antioxidants, demulsifiers, carrier fluids, solvents, fuel economy additives, emission reduction additives, lubricity improvers, oxygenates and mixtures thereof.
72. (Currently amended) The gasoline composition of claim 66, wherein the carotenoid is selected from the group consisting of  $\beta$ -carotene,  $\alpha$ -carotene, lycopene, leutin, betatene and mixtures thereof.
73. (Currently amended) The gasoline composition of claim 66 wherein the plant oil extract is barley oil extract, and the carotenoid is  $\beta$ -carotene.
74. (Currently amended) A gasoline composition comprising a base fuel and at least one additive wherein the additive comprises:  
a plant oil extract selected from the group consisting of hops oil extract, fescue oil extract, barley oil extract, green clover extract,

wheat oil extract and mixtures thereof;

a carotenoid; and

a thermal stabilizer.

75. (Currently amended) The gasoline composition of claim 74 wherein the carotenoid is selected from the group consisting of  $\beta$ -carotene,  $\alpha$ -carotene, lycopene, leutin, betatene and mixtures thereof.
76. (Currently amended) The gasoline composition of claim 74, wherein the thermal stabilizer is selected from the group consisting of vegetable oils, nut oils, animal oils and mixtures thereof
77. (Currently amended) The gasoline composition of claim 74 wherein the plant oil extract is derived from barley and the carotenoid is  $\beta$ -carotene.
78. (Currently amended) The gasoline composition of claim 74 wherein the thermal stabilizer is meadowfoam oil.
79. (Currently amended) The gasoline composition of claim 74 further comprising a diluent.
80. (Currently amended) The gasoline composition of claim 74 further comprising a solvent selected from the group consisting of toluene, benzene, o-xylene, m-xylene, p-xylene, cyclohexanes, hexane, octanes, nonanes, ~~gasoline~~, jet fuel, diesel fuel, 2 cycle oil, resid fuel and mixtures thereof.
81. (Currently amended) The gasoline composition of claim 80 further comprising at least one additive selected from the group consisting of octane improvers, cetane improvers, detergents, corrosion inhibitors, metal deactivators, ignition accelerators, dispersants, anti-knock additives, anti-run-on additives, anti-pre-ignition additives, anti-misfire additives, anti-wear additives, antioxidants,

demulsifiers, carrier fluids, solvents, fuel economy additives, emission reduction additives, lubricity improvers, oxygenates and mixtures thereof.

82. (Canceled)
83. (Canceled)
84. (Canceled)
85. (Canceled)
86. (Canceled)
87. Claims 87 – 89 (Canceled)
90. (Previously presented) A gasoline additive comprising:
  - a hydrophobic plant oil extract;
  - a carotenoid;
  - a thermal stabilizer selected from the group consisting of peanut oil, cottonseed oil, rape seed oil, macadamia oil, avocado oil, palm oil, palm kernel oil, meadowfoam oil, and mixtures thereof; and
  - a solvent selected from the group consisting of toluene, benzene, o-xylene, m-xylene, p-xylene, cyclohexanes, hexane, octanes, nonanes, gasoline, jet fuel, diesel fuel, 2-cycle oil, resid fuel and mixtures thereof.
91. (Previously presented) The additive of claim 90 wherein the plant oil is derived from barley and the carotenoid is  $\beta$ -carotene.
92. (Previously presented) The additive of claim 90 further comprising meadowfoam oil.
93. (Canceled)
94. (Canceled)

95. (Previously presented) A gasoline additive comprising:  
a plant oil extract selected from the group consisting of hops oil extract, fescue oil extract, barley oil extract, green clover oil extract, wheat oil extract, and mixtures thereof;  
a carotenoid; and  
meadowfoam oil.
96. (Canceled)
97. (Previously presented) A gasoline additive comprising:  
a plant oil extract derived from barley;  
 $\beta$ -carotene; and  
meadowfoam oil.
98. (Previously presented) The gasoline additive of claim 97 further comprising a solvent selected from the group consisting of toluene, benzene, o-xylene, m-xylene, p-xylene, cyclohexanes, hexane, octanes, nonanes, gasoline, jet fuel, 2-cycle oil, diesel fuel, resid fuel and mixtures thereof.